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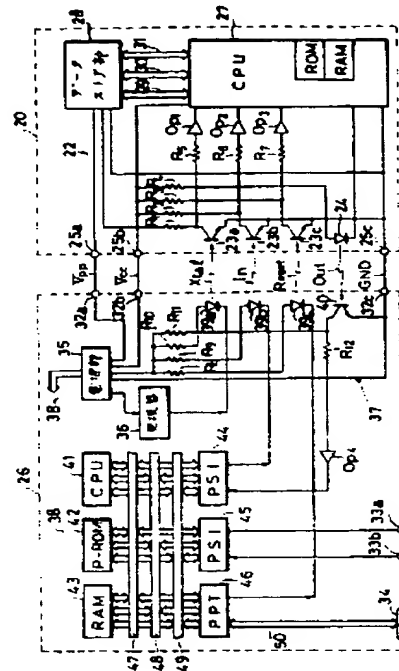
APPLICATION DATE : 13-04-84
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APPLICANT : MITSUBISHI HEAVY IND LTD;

INVENTOR : UEHARA HIDEO;

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TITLE : IC CARD



ABSTRACT : PURPOSE: To make an IC card resist against electric shock such as static electricity and to prevent the IC card from illegality due to the rewriting of the contents of a memory by embedding light emitting elements and photodetecting elements in a card base body an transmitting/receiving a data signal as an optical signal.

CONSTITUTION: When the IC card 20 is set up on a card reader 26, driving voltage and data writing voltage are supplied to the IC card 20. When a crystal oscillation signal of an oscillator 36, a data signal of a serial data transmission/ reception interface 46 and a reset signal of the serial data transmission/reception interface 46 are converted into optical signals through the light emitting elements 39a~39c and transmitted from the card reader 26 side, respective signals are received by the photodetecting elements 23a~23c on the IC card 20 side and supplied to a CPU27. The CPU27 executes programs specified by the respective signals to rewrite or read out data in a data storage part 28 e.g. and the read-out data are transmitted through a light emitting element 24.

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